Title (en)

ZINC FREE INSULIN CRYSTALS FOR USE IN PULMONARY COMPOSITIONS

Title (de)

ZINKFREIE INSULINKRISTALLE FÜR DIE VERWENDUNG IN MEDIKAMENTEN, DIE ÜBER DIE LUNGE VERABREICHT WERDEN.

Title (fr)

CRISTAUX D'INSULINE DEPOURVUS DE ZINC ET UTILES DANS DES COMPOSITIONS POUR LES VOIES RESPIRATOIRES

Publication

**EP 1005490 A1 20000607 (EN)**

Application

**EP 98907916 A 19980320**

Priority

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- DK 31797 A 19970320

Abstract (en)

[origin: WO9842749A1] Zinc free insulin crystals having a diameter below 10 mu m suitable for pulmonary administration are disclosed. The crystals have a reduced tendency to associate into aggregates in the dry powder.

IPC 1-7

**C07K 14/62**; A61K 38/28

IPC 8 full level

**A61K 9/00** (2006.01); **A61K 38/28** (2006.01); **A61P 3/10** (2006.01); **A61P 5/50** (2006.01); **C07K 14/62** (2006.01); A61K 38/00 (2006.01)

CPC (source: EP KR US)

**A61K 9/0073** (2013.01 - EP US); **A61K 9/0075** (2013.01 - EP US); **A61K 38/28** (2013.01 - EP KR US); **A61P 3/10** (2018.01 - EP); **A61P 5/50** (2018.01 - EP); **C07K 14/62** (2013.01 - EP KR US)

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